

What is claimed is:

- 1 1. A method comprising:
2 intercepting a first signal from a video transmission;
3 extracting a second signal from the first signal;
4 encrypting the second signal; and
5 storing the encrypted second signal.
- 1 2. The method of claim 1, further comprising:
2 extracting a scrambled signal from the first signal; and
3 storing the scrambled signal.
- 1 3. The method of claim 1, further comprising:
2 receiving a request for the scrambled signal to be descrambled;
3 retrieving the encrypted signal;
4 restoring the second signal by decrypting the encrypted signal; and
5 using the second signal to descramble the scrambled signal.
- 1 4. The method of claim 1, wherein encrypting the second signal further
2 comprises using protected content exchange encryption.
- 1 5. The method of claim 1, wherein storing the encrypted second signal
2 further comprises storing the encrypted second signal on a random access storage
3 medium.
- 1 6. A system, comprising:
2 a bus;
3 a bus interface unit coupled to the bus wherein the bus interface unit
4 receives a video signal; and

5 a multi-function unit coupled to the bus interface unit including logic to:
6 decrypt a portion of the video signal that has previously been
7 encrypted; and
8 use the decrypted portion to prepare the video signal for viewing.

1 7. The system of claim 6, wherein the multi-function unit further comprises:
2 a descrambler; and
3 a decoder.

4 8. The system of claim 7, further comprising:
5 a random access storage medium coupled to the bus interface unit
6 wherein the video signal and the portion of the video signal that has previously
7 been encrypted are stored.

1 9. The system of claim 6, wherein the multi-function unit further comprises:
2 an encryption unit; and
3 a decryption unit.

1 10. The system of claim 9, the encryption unit further including logic to
2 encrypt a portion of the video signal using protected content exchange-based
3 encryption.

1 11. The system of claim 6, wherein the bus is a peripheral component
2 interconnect bus.

1 12. The system of claim 6, where the video signal is a single channel
2 audio/video signal.

1 13. The system of claim 6, further comprising:
2 a demultiplexer coupled to the bus; and
3 a memory region for storing the portion of the video signal that has
4 previously been encrypted.

1 14. The system of claim 7, wherein the descrambler is a digital video
2 broadcast descrambler.

1 15. The system of claim 13, wherein the memory region is part of the
2 demultiplexer.

1 16. The system of claim 7, wherein the decoder is an MPEG decoder.

1 17. The system of claim 9, wherein the decryption unit performs PCX-based
2 decryption.

1 18. An article comprising a medium storing instructions that cause a
2 processor-based system to:

3 receive a video signal;
4 extract scrambled content and decryption keys from the video signal;
5 encrypt the decryption keys; and
6 store the scrambled content and the encrypted decryption keys.

1 19. The article of claim 18, further storing instructions that cause a processor-
2 based system to:

3 receive a request for the scrambled content;
4 decrypt the encrypted decryption keys; and
5 send the scrambled content and the decrypted keys to a descrambler.

1 20. The article of claim 18, further storing instructions that cause a processor-
2 based system to encrypt the decryption keys using protected content exchange-based
3 encryption.